

Appendix table 5-28

S&E doctorate recipients with definite postgraduate plans, by sex and degree field: 1999

(Percent distribution)

Page 1 of 2

Field of study	Definite plans	In the United States					Abroad	Location unknown
		Total	Postdoctoral study	Academic employment	Industry employment	Other		
All recipients, all fields.....	100.0	96.4	25.8	35.5	16.1	19.0	3.2	0.4
Total science and engineering.....	100.0	96.1	39.6	21.8	22.0	12.7	3.6	0.3
Sciences.....	100.0	96.0	43.7	23.5	16.1	12.7	3.8	0.3
Physical sciences.....	100.0	95.1	48.9	10.3	30.5	5.4	4.5	0.4
Astronomy.....	100.0	89.2	60.2	9.7	11.8	7.5	10.8	—
Chemistry.....	100.0	96.2	48.2	10.2	34.0	3.7	3.3	0.5
Physics.....	100.0	94.0	48.6	10.3	26.9	8.1	5.6	0.4
Other physical sciences.....	100.0	100.0	33.3	22.2	22.2	22.2	—	—
Earth, atmospheric & ocean sciences.....	100.0	92.6	40.5	15.6	17.0	19.5	6.8	0.6
Mathematical sciences.....	100.0	94.7	26.0	45.7	16.8	6.2	5.1	0.2
Computer science.....	100.0	97.8	6.7	36.2	43.8	11.0	2.2	—
Agricultural sciences.....	100.0	97.5	31.7	29.5	23.6	12.7	2.5	—
Biological sciences.....	100.0	96.0	73.9	9.5	7.0	5.5	3.6	0.4
Psychology.....	100.0	98.8	37.4	21.5	16.0	24.0	1.1	—
Social sciences.....	100.0	93.8	11.6	52.5	11.3	18.5	6.0	0.2
Engineering.....	100.0	96.7	18.9	12.8	52.1	13.0	2.8	0.5
Aeronautical/astronautical.....	100.0	97.2	20.8	2.8	40.3	33.3	2.8	—
Chemical.....	100.0	96.7	20.4	6.3	65.8	4.1	3.3	—
Civil.....	100.0	96.9	20.0	21.5	36.9	18.5	2.1	1.0
Electrical.....	100.0	98.5	9.8	12.8	63.8	12.2	0.9	0.6
Industrial.....	100.0	95.9	5.5	28.8	45.2	16.4	2.7	1.4
Materials/metallurgical.....	100.0	93.2	22.8	7.4	53.7	9.3	6.8	—
Mechanical.....	100.0	96.2	22.2	14.3	47.0	12.7	2.9	1.0
Other engineering.....	100.0	96.0	28.4	12.9	39.8	14.9	3.7	0.3
Total non-S&E.....	100.0	97.0	6.0	55.3	7.5	28.1	2.5	0.5
Men, all fields.....	100.0	95.9	27.3	31.3	20.4	16.9	3.7	0.4
Total science and engineering.....	100.0	95.7	37.8	19.6	26.2	12.0	4.0	0.4
Sciences.....	100.0	95.3	43.4	21.9	18.5	11.5	4.4	0.3
Physical sciences.....	100.0	95.0	51.1	9.0	29.8	5.1	4.5	0.5
Astronomy.....	100.0	87.7	58.9	8.2	15.1	5.5	12.3	0.0
Chemistry.....	100.0	96.2	51.7	8.5	33.0	3.0	3.3	0.6
Physics.....	100.0	94.3	49.0	9.8	27.2	8.3	5.2	0.4
Other physical sciences.....	100.0	100.0	50.0	25.0	25.0	0.0	0.0	0.0
Earth, atmospheric & ocean sciences.....	100.0	91.9	39.0	13.1	17.0	22.8	7.3	0.8
Mathematical sciences.....	100.0	94.6	27.1	42.5	19.1	6.0	5.0	0.3
Computer science.....	100.0	97.8	5.1	34.4	46.5	11.7	2.2	0.0
Agricultural sciences.....	100.0	96.9	28.3	32.3	24.3	11.9	3.1	0.0
Biological sciences.....	100.0	95.5	73.6	9.3	7.3	5.3	4.1	0.4
Psychology.....	100.0	98.7	34.3	22.3	18.2	23.9	1.3	0.0
Social sciences.....	100.0	93.0	10.2	48.7	14.9	19.2	6.8	0.2

See explanatory information and SOURCE at end of table.

Appendix table 5-28

S&E doctorate recipients with definite postgraduate plans, by sex and degree field: 1999

(Percent distribution)

Field of study	Definite plans	In the United States					Abroad	Location unknown
		Total	Postdoctoral study	Academic employment	Industry employment	Other		
Engineering.....	100.0	96.9	18.1	11.6	53.3	13.9	2.6	0.5
Aeronautical/astronautical.....	100.0	97.0	17.9	3.0	41.8	34.3	3.0	0.0
Chemical.....	100.0	96.3	20.0	5.1	67.0	4.2	3.7	0.0
Civil.....	100.0	96.1	19.5	17.5	39.6	19.5	2.6	1.3
Electrical.....	100.0	98.6	9.3	13.0	64.3	12.0	1.0	0.4
Industrial.....	100.0	93.9	6.1	24.5	42.9	20.4	4.1	2.0
Materials/metallurgical.....	100.0	95.2	24.8	8.8	52.0	9.6	4.8	0.0
Mechanical.....	100.0	96.8	23.2	12.1	47.9	13.6	2.5	0.7
Other engineering.....	100.0	96.3	25.4	11.6	41.0	18.3	3.4	0.4
Total non-S&E.....	100.0	96.4	5.7	55.4	8.4	26.9	3.2	0.4
Women, all fields.....	100.0	97.1	24.0	40.5	11.0	21.6	2.5	0.4
Total science and engineering.....	100.0	96.8	42.5	25.1	15.2	13.8	3.0	0.2
Sciences.....	100.0	96.8	44.0	25.6	12.9	14.3	3.0	0.2
Physical sciences.....	100.0	95.4	42.0	14.2	32.6	6.6	4.3	0.3
Astronomy.....	100.0	95.0	65.0	15.0	—	15.0	5.0	—
Chemistry.....	100.0	96.1	40.2	14.1	36.3	5.5	3.5	0.3
Physics.....	100.0	91.2	45.6	14.0	24.6	7.0	8.8	—
Other physical sciences.....	100.0	100.0	20.0	20.0	20.0	40.0	—	—
Earth, atmospheric & ocean sciences.....	100.0	94.7	44.7	22.3	17.0	10.6	5.3	—
Mathematical sciences.....	100.0	94.9	23.5	52.9	11.8	6.6	5.1	—
Computer science.....	100.0	97.6	12.0	42.2	34.9	8.4	2.4	—
Agricultural sciences.....	100.0	99.0	39.6	22.9	21.9	14.6	1.0	—
Biological sciences.....	100.0	96.6	74.4	9.8	6.6	5.7	3.0	0.4
Psychology.....	100.0	98.9	39.0	21.1	14.8	24.0	1.0	0.1
Social sciences.....	100.0	94.9	13.4	57.1	6.7	17.6	5.0	0.1
Engineering.....	100.0	95.7	22.8	18.8	46.2	8.0	3.7	0.6
Aeronautical/astronautical.....	100.0	100.0	60.0	—	20.0	20.0	—	—
Chemical.....	100.0	98.1	22.2	11.1	61.1	3.7	1.9	—
Civil.....	100.0	100.0	22.0	36.6	26.8	14.6	—	—
Electrical.....	100.0	97.9	14.6	10.4	58.3	14.6	—	2.1
Industrial.....	100.0	100.0	4.2	37.5	50.0	8.3	—	—
Materials/metallurgical.....	100.0	86.5	16.2	2.7	59.5	8.1	13.5	—
Mechanical.....	100.0	91.4	14.3	31.4	40.0	5.7	5.7	2.9
Other engineering.....	100.0	95.1	38.3	17.3	35.8	3.7	4.9	—
Total non-S&E.....	100.0	97.4	6.3	55.2	6.9	29.0	2.0	0.5

— less than 0.1

NOTE: Data are for U.S. citizens and permanent residents only.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Earned Doctorates.